IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

STATEMENT UNDER 37 CFR 3.73(b)

GENBAND US LLC, a limited liability company, states that it is the assignee of the entire right, title, and interest in the patent and patent applications identified below by virtue of a chain of title from the inventor(s) of the patents and patent applications, to the current assignee as indicated in the list as follows:

Re: U.S. Patent No.: 6,754,180; Issued: June 22, 2004

Title: SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR SUPPORT OF BEARER PATH SERVICES IN A DISTRIBUTED CONTROL NETWORK

- From: Samuel H. Christie, IV
 To: Nortel Networks Corporation Reel <u>010468</u>, Frame 0635
- From: Nortel Networks Corporation
 To: Nortel Networks Limited
 Reel 011195, Frame 0706
- 3. From: GENBAND Inc.
 To: GENBAND US LLC
 Reel 024468, Frame 0507
- 4. From: Nortel Networks Corporation

To: GENBAND US LLC Reel 024879, Frame 0519

U.S. Patent No.: 6,683,877; Issued: January 27, 2004

Title: CARRYING VOICE TRAFFIC OVER BROAD BAND NETWORKS

- From: Graeme Gibbs, Rade Gvozdanovic
 To: Nortel Networks Corporation
 Reel 010482, Frame 0941
- From: Nortel Networks Corporation
 To: Nortel Networks Limited
 Reel 014635, Frame 0873
- From: Nortel Networks Corporation
 To: Nortel Networks Limited
 Reel 011195, Frame 0706
- 4. From: GENBAND Inc.
 To: GENBAND US LLC
 Reel 024468, Frame 0507

5. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

U.S. Patent No.: 6,791,971; Issued: September 14, 2004

Title: METHOD AND APPARATUS FOR PROVIDING A COMMUNICATIONS SERVICE, FOR COMMUNICATION AND FOR EXTENDING PACKET NETWORK FUNCTIONALITY

From: Marwan Osman, Antoine Zoghbi
 To: Nortel Networks Corporation
 Reel <u>010432</u>, Frame <u>0585</u>

2. From: Nortel Networks Corporation

To: Nortel Networks Limited Reel 011195, Frame 0706

3. From: GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507

4. From: Nortel Networks Corporation

To: GENBAND US LLC Reel 024879, Frame 0519

U.S. Patent No.: 6,687,251; Issued: February 3, 2004

Title: METHOD AND APPARATUS FOR DISTRIBUTED MTP LEVEL 2 ARCHITECTURE

1. From: Guy G. Mousseau, John H. Yoakum

To: Nortel Networks Corporation

Reel 010450, Frame 0591

2. From: Nortel Networks Corporation

To: Nortel Networks Limited Reel 011195, Frame 0706

3. **From**: GENBAND Inc.

To: GENBAND US LLC Reel 024468, Frame 0507

4. From: Nortel Networks Corporation

To: GENBAND US LLC Reel 024879, Frame 0519

U.S. Patent No.: 6,614,896; Issued: September 2, 2003

Title: ADVERTISING SYSTEM FOR CALLERS TO BUSY NUMBERS

1. From: Sanjay H. Rao

To: Nortel Networks Corporation World Trade Center of Montreal Reel 010297, Frame 0587

2. From: Nortel Networks Corporation

To: Nortel Networks Limited Reel 011195, Frame 0706

3. From: GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507

4. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

U.S. Patent No.: 6,678,264; Issued: January 13, 2004

Title: ESTABLISHING CONNECTIONS WITH A PRE-SPECIFIED QUALITY OF SERVICE ACROSS A COMMUNICATION NETWORK

1. From: Mark Robert Gibson

To: Nortel Networks Corporation

Reel <u>010090</u>, Frame <u>0911</u>

2. From: Nortel Networks Corporation

To: Nortel Networks Limited Reel 014643, Frame 0217

3. From: Nortel Networks Corporation

To: Nortel Networks Limited Reel 011195, Frame 0706

4. From: GENBAND Inc.

To: GENBAND US LLC

Reel 024468, Frame 0507

5. From: Nortel Networks Corporation

To: GENBAND US LLC Reel <u>024879</u>, Frame <u>0519</u>

U.S. Patent No.: 6,885,658; Issued: April 26, 2005

Title: METHOD AND APPARATUS FOR INTERWORKING BETWEEN INTERNET PROTOCOL (IP) TELEPHONY PROTOCOLS

1. From: David P. Ress, Xuewen Li, Denise J. Ingram

To: Nortel Networks Corporation

Reel 010578, Frame 0564

2. From: David P. Ress, Xuewen Li, Denise J. Ingram, Gregory Robert Utas

To: Nortel Networks Corporation

Reel 010839, Frame 0783

3. From: Nortel Networks Corporation

To: Nortel Networks Limited Reel <u>011195</u>, Frame <u>0706</u>

From: GENBAND Inc.

To: GENBAND US LLC

Reel 024468, Frame 0507

5. From: Nortel Networks Corporation

U.S. Patent No.: 7,254,832; Issued: August 7, 2007

Title: FIREWALL CONTROL FOR SECURE PRIVATE NETWORKS WITH PUBLIC VOIP ACCESS

 From: Samuel H. Christie, IV
 To: Nortel Networks Limited Reel 011136, Frame 0736

From: GENBAND Inc.
 To: GENBAND US LLC
 Reel 024468, Frame 0507

3. From: Nortel Networks Corporation

To: GENBAND US LLC Reel 024879, Frame 0519

U.S. Patent No.: 6,233,223; Issued: May 15, 2001

Title: CONTROL OF DISTRIBUTED ALLOCATION OF CHANNELS

From: Martin Sabry, Graeme A. Gibbs, Rade Gvozdanovic, Cho Y. Tang
 To: Nortel Networks Corporation

Reel 010224, Frame 0403

2. From: Nortel Networks Corporation

To: Nortel Networks Limited Reel 011462. Frame 0944

3. **From**: Nortel Networks Corporation

To: Nortel Networks Limited Reel <u>011195</u>, Frame <u>0706</u>

4. From: GENBAND Inc.

To: GENBAND US LLC Reel 024468, Frame 0507

5. From: Nortel Networks Limited

To: GENBAND US LLC Reel <u>024879</u>, Frame <u>0475</u>

U.S. Patent No.: 6,785,840; Issued: August 31, 2004

Title: CALL PROCESSOR SYSTEM AND METHODS

1. From: Leslie Smith, Ken Q. Guo, Jimmy Jin, Robert Lariviere, D. lan Hopper

To: Nortel Networks Limited Reel 011387, Frame 0689

2. From: GENBAND Inc.

To: GENBAND US LLC Reel 024468, Frame 0507

3. From: Nortel Networks Limited

U.S. Patent No.: 6,832,254; Issued: December 14, 2004

Title: METHOD AND APPARATUS FOR ASSOCIATING AN END-TO-END CALL IDENTIFIER WITH A CONNECTION IN A MULTIMEDIA PACKET NETWORK

1. From: Shwu-Yan Chang Scoggins, Charles Michael Brown, David John Jarzemsky, Stanley Wayne Joyner, Kathleen Kelley Schellenberger

To: Nortel Networks Limited Reel 010951, Frame 0947

2. From: GENBAND Inc.

To: GENBAND US LLC

Reel <u>024468</u>, Frame <u>0507</u>

3. From: Nortel Networks Corporation

To: GENBAND US LLC Reel 024879, Frame 0519

U.S. Patent No.: 6,266,395; Issued: July 24, 2001

Title: SINGLE-ENDED SUBCRIBER LOOP QUALIFICATION FOR XDSL SERVICE

From: Gin Liu, Michael A. Campbell
 To: Nortel Networks Corporation

Reel <u>010233</u>, Frame <u>0747</u>

2. From: Nortel Networks Corporation

To: Nortel Networks Limited Reel <u>011195</u>, Frame <u>0706</u>

3. From: GENBAND Inc.

To: GENBAND US LLC Reel 024468, Frame 0507

4. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

U.S. Patent No.: 6,611,585; Issued: August 26, 2003

Title: METHOD AND APPARATUS FOR INTELLIGENT RELEASE LINK TRUNK

1. From: Carlos Carrion, Steven W. Craycraft

To: Nortel Networks Corporation

Reel 010569, Frame 0651

From: Nortel Networks CorporationTo: Nortel Networks Limited

Reel 011195, Frame 0706

3. **From**: GENBAND Inc.

To: GENBAND US LLC

Reel 024468, Frame 0507

From: Nortel Networks Limited

U.S. Patent No.: 7,233,980; Issued: June 19, 2007

Title: SYSTEM AND METHOD FOR DYNAMIC QUEUING IN AN AUTOMATIC CALL DISTRIBUTOR

From: Mark J. Holden, Scott L. Orton
 To: Nortel Networks Limited

Reel 011366, Frame 0782

From: Mark J. Holden, Scott L. Orton
 To: Nortel Networks Limited
 Reel 011752, Frame 0863

3. From: GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507

4. From: Nortel Networks Corporation

To: GENBAND US LLC Reel 024879, Frame 0519

U.S. Patent No.: 6,757,732; Issued: June 29, 2004

Title: TEXT-BASED COMMUNICATIONS OVER A DATA NETWORK

1. From: Patrick N. Sollee, Christopher Haun

To: Nortel Networks Corporation

Reel 010697, Frame 0956

2. From: Nortel Networks Corporation

To: Nortel Networks Limited Reel 011195, Frame 0706

From: GENBAND Inc.
 To: GENBAND US LLC

4.

Reel <u>024468</u>, Frame <u>0507</u> **From**: Nortel Networks Corporation

To: GENBAND US LLC Reel <u>024879</u>, Frame <u>0519</u>

U.S. Patent No.: 6.694,153; Issued: February 17, 2004

Title: SERVICE CONTROL POINT LOCATION REGISTER FUNCTION

 From: Michael A. Campbell, Susan Iskra, Probal Mukherjee, Conrad E. Labonte

To: Nortel Networks Corporation

Reel <u>010967</u>, Frame <u>0879</u>

2. From: GENBAND Inc.

To: GENBAND US LLC

Reel 024468, Frame 0507

From: Nortel Networks Limited

U.S. Patent No.: 6,742,042; Issued: May 25, 2004

Title: METHOD AND APPARATUS OF PRESENTING TICKER INFORMATION

1. From: Mark J. Holden, Scott L. Orton, Julie R. Simons

To: Nortel Networks Limited Reel 010933, Frame 0823

2. From: GENBAND Inc.

To: GENBAND US LLC Reel 024468, Frame 0507

3. From: Nortel Networks Corporation

To: GENBAND US LLC Reel <u>024879</u>, Frame <u>0519</u>

U.S. Patent No.: 7,047,561; Issued: May 16, 2006

Title: FIREWALL FOR REAL-TIME INTERNET APPLICATIONS

1. From: Michael C. G. Lee

To: Nortel Networks Limited

Reel <u>011147</u>, Frame <u>0144</u>

2. From: GENBAND Inc.

To: GENBAND US LLC Reel 024468, Frame 0507

3. From: Nortel Networks Corporation

To: GENBAND US LLC Reel <u>024879</u>, Frame <u>0519</u>

U.S. Patent No.: 6,772,210; Issued: August 3, 2004

Title: METHOD AND APPARATUS FOR EXCHANGING COMMUNICATIONS BETWEEN TELEPHONE NUMBER BASED DEVICES IN AN INTERNET PROTOCOL ENVIRONMENT

1. From: Philip K. Edholm

To: Nortel Networks Limited Reel 011090, Frame 0488

From: GENBAND Inc.

To: GENBAND US LLC Reel <u>024468</u>, Frame <u>0507</u>

3. From: Nortel Networks Corporation

To: GENBAND US LLC Reel 024879, Frame 0519

U.S. Patent No.: 6,934,279; Issued: August 23, 2005

Title: CONTROLLING VOICE COMMUNICATIONS OVER A DATA NETWORK

1. From: Patrick N. Sollee, David R. Creech, Gregory T. Osterhout, Christopher L. Jessen

To: Nortel Networks Corporation

Reel 010667, Frame 0137

2. From: Nortel Networks Corporation

Fo: Nortel Networks Limited

Reel <u>011195</u>, Frame <u>0706</u>

3. From: GENBAND Inc.

To: GENBAND US LLC

Reel <u>024468</u>, Frame <u>0507</u>
4. **From**: Nortel Networks Corporation

To: GENBAND US LLC Reel 024879, Frame 0519

Serial No.: 11/210,084; Filed: August 23, 2005

Title: CONTROLLING VOICE COMMUNICATIONS OVER A DATA NETWORK

1. From: Patrick N. Sollee, David R. Creech, Gregory T. Osterhout,

Christopher L. Jessen

To: Nortel Networks Corporation

Reel 010667, Frame 0137

2. From: GENBAND Inc.

To: GENBAND US LLC

Reel 024468, Frame 0507

3. From: Nortel Networks Corporation

To: GENBAND US LLC Reel 024879, Frame 0519

U.S. Patent No.: 7.023.860: Issued: April 4, 2006

Title: COMMUNICATIONS NETWORK

1. From: Roy Harold Mauger

To: Nortel Networks Limited

Reel 010960, Frame 0951

From: GENBAND Inc.

To: GENBAND US LLC

Reel 024468, Frame 0507

From: Nortel Networks Limited

To: GENBAND US LLC

Reel <u>024879</u>, Frame <u>0475</u>

U.S. Patent No.: 7.058.068; Issued: June 6, 2006

Title: SESSION INITIATION PROTOCOL BASED ADVANCED INTELLIGENT NETWORK/INTELLIGENT NETWORK MESSAGING

1. From: Michael M. Gawargy, Johanna Pearl Ruth Nicoletta

To: Nortel Networks Limited Reel <u>011313</u>, Frame <u>0268</u>

2. From: GENBAND Inc.

To: GENBAND US LLC

Reel 024468, Frame 0507

3. From: Nortel Networks Limited To: GENBAND US LLC Reel 024879, Frame 0475

U.S. Patent No.: 6,882,721; Issued: April 19, 2005

Title: METHOD AND APPARATUS ENABLING LOCAL NUMBER PORTABILITY IN TELEPHONE NETWORKS

1. **From**: Michael M. Gawargy **To**: Nortel Networks Limited
Reel 011606, Frame 0070

2. From: Vladimir V. Mikhailov, Christian C. Constantinof

To: Nortel Networks Limited Reel 011606, Frame 0089

3. From: Vladimir V. Mikhailov, Cristian C. Constantinof

To: Nortel Networks Limited Reel 013249, Frame 0460

4. From: GENBAND Inc.

To: GENBAND US LLC Reel 024468, Frame 0507

5. From: Nortel Networks Corporation

To: GENBAND US LLC Reel <u>024879</u>, Frame <u>0519</u>

U.S. Patent No.: 6,421,674; Issued: July 16, 2002

Title: METHODS AND SYSTEMS FOR IMPLEMENTING A REAL-TIME, DISTRIBUTED, HIERARCHICAL DATABASE USING A PROXIABLE PROTOCOL

From: John H. Yoakum, James E. Reaves, Paul D. Alluisi
 To: Nortel Networks Corporation

Reel 010569, Frame 0428

2. From: Nortel Networks Corporation

To: Nortel Networks Limited Reel 011195, Frame 0706

From: GENBAND Inc.

To: GENBAND US LLC

Reel 024468. Frame 0507

4. From: Nortel Networks Limited To: GENBAND US LLC

Reel <u>024879</u>, Frame <u>0475</u>

U.S. Patent No.: 7,274,783; Issued: September 25, 2007

Title: METHODS AND SYSTEMS FOR IMPLEMENTING A REAL-TIME, DISTRIBUTED, HIERARCHICAL DATABASE USING A PROXIABLE PROTOCOL

1. From: John H. Yoakum, James E. Reaves, Paul D. Alluisi

To: Nortel Networks Corporation

Reel 010569, Frame 0428

2. From: Nortel Networks Corporation

To: Nortel Networks Limited

Reel 011195, Frame 0706

3. From: GENBAND Inc.

To: GENBAND US LLC

Reel 024468, Frame 0507

4. From: Nortel Networks Limited

To: GENBAND US LLC

Reel 024879, Frame 0475

U.S. Patent No.: 7,146,410; Issued: December 5, 2006

Title: SYSTEM AND METHOD FOR EXECUTING CONTROL PROTOCOLS AMONG NODES IN SEPARATE IP NETWORKS

1. From: Arda Akman

To: Nortel Networks Limited

Reel <u>011183</u>, Frame <u>0721</u>

2. From: GENBAND Inc.

To: GENBAND US LLC

Reel 024468. Frame 0507

3. From: Nortel Networks Corporation

To: GENBAND US LLC

Reel 024879, Frame 0519

U.S. Patent No.: 6,888,839; Issued: May 3, 2005

Title: METHOD AND APPARATUS FOR TUNNELING OPERATING CODES TO AND FROM A CALL SERVER IN A PACKET NETWORK

1. From: Shwu-Yan Chang Scoggins, Janelle T. Tucker, John Schroder

To: Nortel Networks Limited

Reel 011454, Frame 0751

2. From: GENBAND Inc.

To: GENBAND US LLC

Reel 024468, Frame 0507

3. From: Nortel Networks Corporation

To: GENBAND US LLC

Reel 024879, Frame 0519

U.S. Patent No.: 7,046,669; Issued: May 16, 2006

Title: COMMUNICATIONS NETWORK

1. From: Roy Mauger, Dave Stacey, Mark Gibson

To: Nortel Networks Limited Reel <u>011189</u>, Frame <u>0788</u>

2. From: GENBAND Inc.

To: GENBAND US LLC Reel 024468, Frame 0507

3. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

U.S. Patent No.: 6,886,043; Issued: April 26, 2005

Title: COMMUNICATIONS NETWORK

1. From: Roy Mauger, David Stacey, Mark Gibson

To: Nortel Networks Limited Reel 011098, Frame 0545

2. From: GENBAND Inc.

To: GENBAND US LLC Reel 024468, Frame 0507

3. From: Nortel Networks Limited

To: GENBAND US LLC Reel <u>024879</u>, Frame <u>0475</u>

U.S. Patent No.: 6,876,646; Issued: April 5, 2005

Title: COLLECTING INFORMATION BEFORE A CALL

1. From: Tammy S. Dore, Steven W. Craycraft, Pratima Sharma, Joseph

J. Deutsch

To: Nortel Networks Limited Reel <u>011310</u>, Frame <u>0177</u>

2. From: GENBAND Inc.

To: GENBAND US LLC Reel 024468, Frame 0507

3. From: Nortel Networks Corporation

To: GENBAND US LLC Reel <u>024879</u>, Frame <u>0519</u>

U.S. Patent No.: 7,272,136; Issued: September 18, 2007

Title: DUAL TONE MULTI FREQUENCY SIGNAL DETECTION

1. From: Masoud Abmadi, Joachim Fouret

To: Nortel Networks Limited Reel 010667, Frame 0137

2. From: GENBAND Inc.

3. From: Nortel Networks Limited To: GENBAND US LLC Reel 024879, Frame 0475

U.S. Patent No.: 7,068,655; Issued: June 27, 2006

Title: NETWORK ADDRESS AND/OR PORT TRANSLATION

From: Sean W. March, Patrick N. Sollee, David W. McKnight
 To: Nortel Networks Limited
 Reel 011917, Frame 0260

2. From: GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507

3. From: Nortel Networks Corporation

To: GENBAND US LLC Reel 024879, Frame 0519

U.S. Patent No.: 6,987,765; Issued: January 17, 2006

Title: CHANGING MEDIA SESSIONS

From: Sean W. March, Patrick N. Sollee, David W. McKnight
 To: Nortel Networks Corporation
 Reel 011920, Frame 0030

2. From: GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507

3. From: Nortel Networks Corporation

To: GENBAND US LLC Reel 024879, Frame 0519

U.S. Patent No.: 7,684,317; Issued: March 23, 2010

Title: PROTECTING A NETWORK FROM UNAUTHORIZED ACCESS

From: Sean W. March, Patrick N. Sollee, David W. McKnight
 To: Nortel Network Limited

Reel <u>011919</u>, Frame <u>0690</u> **From**: GENBAND Inc.

2.

To: GENBAND US LLC Reel 024468, Frame 0507

3. From: Nortel Networks Limited

To: GENBAND US LLC Reel <u>024879</u>, Frame <u>0475</u>

Serial No.: 11/592,775; Filed: November 3, 2006

Title: PROTECTING A NETWORK FROM UNAUTHORIZED ACCESS

1. From: Sean W. March, Patrick N. Sollee, David W. McKnight

To: Nortel Network Limited Reel <u>011919</u>, Frame <u>0690</u>

2. **From**: GENBAND Inc. **To**: GENBAND US LLC Reel <u>024468</u>, Frame <u>0507</u>

From: Nortel Networks Limited
 To: GENBAND US LLC
 Reel 024879, Frame 0475

Serial No.: 12/729,567; Filed: March 23, 2010

Title: PROTECTING A NETWORK FROM UNAUTHORIZED ACCESS

1. From: Sean W. March, Patrick N. Sollee, David W. McKnight To: Nortel Network Limited

Reel <u>011919</u>, Frame <u>0690</u>

From: GENBAND Inc.
 To: GENBAND US LLC
 Reel 024468, Frame 0507

3. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

U.S. Patent No.: 7,535,823; Issued: May 19, 2009

Title: METHOD AND SYSTEM FOR PROVIDING A SPARING MECHANISM IN A CIRCUIT-SWITCHED-TO-PACKET-SWITCHED INTERWORKING PERIPHERAL

1. From: Neeraj Malhotra, Tuan Liao To: Nortel Networks Limited Reel 013063, Frame 0758

2. From: GENBAND Inc.

To: GENBAND US LLC Reel 024468, Frame 0507

3. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

U.S. Patent No.: 7,408,928; Issued: August 5, 2008

Title: METHODS AND APPARATUS FOR SETTING UP TELEPHONY CONNECTIONS BETWEEN TWO ADDRESS DOMAINS HAVING OVERLAPPING ADDRESS RANGES

From: Patrick Bradd, Kevin J. Baughan, Cedric Aoun
 To: Nortel Networks Limited

Reel <u>012771</u>, Frame <u>0238</u>

From: GENBAND Inc.

To: GENBAND US LLC Reel 024468, Frame 0507

3. From: Nortel Networks Corporation

U.S. Patent No.: 7,349,533; Issued: March 25, 2008

Title: TELEPHONY TRANSITIONING SYSTEM

1. From: Naile S. Daoud, Calvin E. Drover, James E. Reaves, Alvin P. Enns

To: Nortel Networks Limited Reel 013356, Frame 0968

2. From: GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507

3. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

U.S. Patent No.: 6,993,595; Issued: January 31, 2006

Title: ADDRESS TRANSLATION CHANGE IDENTIFICATION

1. **From**: Gregory Luptowski, Patrick Sollee, Anita Wadhwani, Christopher Haun. Deepashree Rugi

To: Nortel Networks Limited Reel 012427, Frame 0268

2. **From**: Gregory Luptowski, Patrick Sollee, Anita Wadhwani, Christopher Haun, Deepashree Rugi

To: Nortel Networks Limited Reel 013013, Frame 0772

3. From: GENBAND Inc.

To: GENBAND US LLC Reel 024468. Frame 0507

4. From: Nortel Networks Corporation

To: GENBAND US LLC Reel 024879, Frame 0519

U.S. Patent No.: 7,257,109; Issued: August 14, 2007

Title: DYNAMIC CALL CONTROL

1. From: Dany D. Sylvain

To: Nortel Networks Limited Reel 012889, Frame 0502

2. From: GENBAND Inc.

To: GENBAND US LLC Reel 024468, Frame 0507

From: Nortel Networks Limited

To: GENBAND US LLC Reel <u>024879</u>, Frame <u>0475</u>

Serial No.: 10/164,524; Filed: June 6, 2002

Title: VOICE AND FAX OVER IP CALL ESTABLISHMENT IN A COMMUNICATIONS NETWORK

1. From: Dominic Walker, Graeme Gibbs

To: Nortel Networks Limited Reel 012985, Frame 0731

2. From: GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507

3. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

U.S. Patent No.: 7,480,283; Issued: January 20, 2009

Title: VIRTUAL TRUNKING OVER PACKET NETWORKS

1. From: Dany D. Sylvain

To: Nortel Networks Limited Reel 013023, Frame 0409

2. From: GENBAND Inc.

To: GENBAND US LLC Reel 024468, Frame 0507

3. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

U.S. Patent No.: 7.224,696; Issued: May 29, 2007

Title: ACCESS NODES IN PACKET-BASED COMMUNICATIONS NETWORKS

1. From: George Bouleros

To: Nortel Networks Limited Reel 013261, Frame 0762

2. From: Julian Mitchell

To: Nortel Networks Limited Reel 012999, Frame 0274

From: GENBAND Inc.

To: GENBAND US LLC

Reel 024468, Frame 0507

4. From: Nortel Networks Limited

U.S. Patent No.: 7,391,780; Issued: June 24, 2008

Title: METHOD AND APPARATUS FOR STATISTICAL PREDICTION OF ACCESS BANDWIDTH ON AN XDSL NETWORK

1. **From**: Gary T. Stone, Kim B. Crawford, Nelson M. Lee, Gin Liu, Johnny Fung, Michael A. Campbell

To: Nortel Networks Limited Reel 013981, Frame 0798

2. From: GENBAND Inc.

To: GENBAND US LLC Reel 024468, Frame 0507

3. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

U.S. Patent No.: 7,301,905; Issued: November 27, 2007

Title: OVERLOAD CONTROL SYSTEM AND METHOD FOR A TELECOMMUNICATIONS SYSTEM

1. **From**: Channarong Tontiruttananon, Carlos Molina, Carlos Motta, Anabella Arosemena, Kuntaporn Saiyos

To: Nortel Networks Limited Reel 013062. Frame 0973

2. From: GENBAND Inc.

To: GENBAND US LLC Reel 024468, Frame 0507

3. From: Nortel Networks Limited

To: GENBAND US LLC Reel <u>024879</u>, Frame <u>0475</u>

U.S. Patent No.: 7,107,061; Issued: September 12, 2006

Title: ADAPTIVE CALL GAPPING OVERLOAD CONTROL SYSTEM AND METHOD FOR A TELECOMMUNICATIONS SYSTEM

1. **From**: Channarong Tontiruttananon, Carlos Molina, Carlos Motta, Anabella Arosemena

To: Nortel Networks Limited Reel <u>013227</u>, Frame <u>0692</u>

From: GENBAND Inc.

To: GENBAND US LLC Reel 024468, Frame 0507

3. From: Nortel Networks Limited

To: GENBAND US LLC Reel <u>024879</u>, Frame <u>0475</u>

U.S. Patent No.: 7,447,150; Issued: November 4, 2008

Title: AUTOMATED PATH RESTORATION FOR PACKET TELEPHONY

1. **From**: Dany Sylvain

To: Nortel Networks Limited Reel <u>014095</u>, Frame <u>0014</u>

2. From: GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507

3. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0519

U.S. Patent No.: 7,283,542; Issued: October 16, 2007

Title: NETWORK ADDRESS TRANSLATOR AND SECURE TRANSFER DEVICE FOR INTERFACING NETWORKS

1. From: Julian Mitchell

To: Nortel Networks Limited Reel 013652, Frame 0687

2. From: GENBAND Inc.

To: GENBAND US LLC Reel 024468, Frame 0507

3. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0519

U.S. Patent No.: 7,213,143; Issued: May 1, 2007

Title: SECURITY OVER A NETWORK

From: Mark Watson, lain Sharp
 To: Nortel Networks Limited
 Reel 014053, Frame 0792

2. From: GENBAND Inc.

To: GENBAND US LLC Reel 024468, Frame 0507

From: Nortel Networks Limited

To: GENBAND US LLC Reel <u>024879</u>, Frame <u>0519</u>

U.S. Patent No.: 7,313,131; Issued: December 25, 2007

Title: PROCESSING OF COMMUNICATION SESSION REQUEST MESSAGES

1. From: Neil O'Connor, Tony McCormack

To: Nortel Networks Limited Reel 013994, Frame 0694

2. From: GENBAND Inc.

3. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0519

U.S. Patent No.: 6,978,003; Issued: December 20, 2005

Title: ADAPTIVE CALL ROUTING FOR MULTIPLE TELEPHONY TERMINALS

1. From: Dany Sylvain

To: Nortel Networks Limited Reel 014107, Frame 0544

2. From: GENBAND Inc.

To: GENBAND US LLC Reel 024468, Frame 0507

3. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0519

U.S. Patent No.: 7,386,604; Issued: June 10, 2008

Title: SIGNALING METHOD FOR COMMUNICATION NETWORKS

1. From: Cedric Aoun, Chris Simcoe, Julian Mitchell

To: Nortel Networks Limited Reel 013952, Frame 0130

2. From: GENBAND Inc.

To: GENBAND US LLC Reel 024468, Frame 0507

3. From: Nortel Networks Corporation

To: GENBAND US LLC Reel <u>024879</u>, Frame <u>0519</u>

Serial No.: 10/782,754; Filed: February 23, 2004

Title: DATA COMMUNICATION APPARATUS AND METHOD

1. From: Rafi Rabipour, Chung Cheung Chu

To: Nortel Networks Limited Reel <u>015574</u>, Frame <u>0669</u>

2. From: GENBAND Inc.

To: GENBAND US LLC Reel 024468. Frame 0507

From: Nortel Networks Limited

To: GENBAND US LLC Reel <u>024879</u>, Frame <u>0475</u>

U.S. Patent No.: 7,640,319; Issued: December 29, 2009

Title: GATEWAY SHARED BY MULTIPLE VIRTUAL PRIVATE NETWORKS

1. From: Dany Sylvain, Scott Larrigan

To: Nortel Networks Limited Reel 020902, Frame 0852

From: Dany Sylvain, Scott Larrigan
 To: Nortel Networks Limited
 Reel 020906, Frame 0639

From: GENBAND Inc.
 To: GENBAND US LLC
 Reel 024468, Frame 0507

4. From: Nortel Networks Limited To: GENBAND US LLC Reel 024879, Frame 0475

U.S. Patent No.: 7,313,145; Issued: December 25, 2007

Title: METHOD AND SYSTEM FOR ESTABLISHING PATHS BETWEEN END POINTS IN PACKET DATA NETWORKS

From: Patrick Bradd, Robert Turner, Paul N. Kettlewell, Leilani Aramepola
 To: Nortel Networks Limited
 Reel 014528, Frame 0158

From: GENBAND Inc.
 To: GENBAND US LLC
 Reel 024468, Frame 0507

3. From: Nortel Networks Corporation

To: GENBAND US LLC Reel 024879, Frame 0519

Serial No.: 10/675,645; Filed: September 30, 2003

Title: MEDIA PROXY HAVING INTERFACE TO MULTIPLE VIRTUAL PRIVATE NETWORKS

1. From: Julian Mitchell

To: Nortel Networks Limited Reel <u>022963</u>, Frame <u>0716</u>

2. From: Dany Sylvain

To: Nortel Networks Limited Reel 022963, Frame 0765

3. From: Scott Larrigan

To: Nortel Networks Limited Reel 022963, Frame 0798

4. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0519

Serial No.: 10/674,141; Filed: September 29, 2003

Title: INTERNET TRUNKING PROTOCOL

1. From: Wesley Erhart

To: Nortel Networks Limited Reel <u>014573</u>, Frame <u>0354</u>

2. **From**: GENBAND Inc. **To**: GENBAND US LLC Reel 024468, Frame 0507

3. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

U.S. Patent No.: 7,715,537; Issued: May 11, 2010

Title: METERING IN PACKET-BASED TELEPHONY NETWORKS

From: David P. Ress, Kevin Boyle II, William Bishop, Costin Strugaru
 To: Nortel Networks Limited
 Reel 014838, Frame 0478

2. From: GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507

3. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

Serial No.: 12/772,702; Filed: May 3, 2010

Title: METERING IN PACKET-BASED TELEPHONY NETWORKS

1. **From**: David P. Ress, Kevin Boyle II, William Bishop, Costin Strugaru **To**: Nortel Networks Limited

Reel <u>014838</u>, Frame <u>0478</u>

2. From: GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507

3. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

Serial No.: 10/723,835; Filed: November 26, 2003 Title: MESSAGING SERVICE INTERWORKING

1. From: Dany Slyvain, Michael Gawargy

To: Nortel Networks Limited Reel <u>014753</u>, Frame <u>0903</u>

2. From: Nortel Networks Limited

U.S. Patent No.: 7,580,994; Issued: August 25, 2009

Title: METHOD AND APPARATUS FOR ENABLING DYNAMIC SELF-HEALING OF MULTI-MEDIA SERVICES

1. **From**: Serzio Fiszman, Chris Ryerson, David Price, Elizabeth Goldrich, Kevin Howe-Patterson, Laurence Beaulieu, Michael Leeder, Paul Ensing, Pierre Foumier, Richard Taylor

To: Nortel Networks Limited Reel 015833, Frame 0889

2. From: GENBAND Inc.

To: GENBAND US LLC Reel 024468. Frame 0507

3. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

Serial No.: 10/599.088; Filed: September 19, 2006

Title: COMMUNICATING PROCESSING CAPABILITIES ALONG A COMMUNICATIONS PATH

1. From: Chung-Cheung Chu, Rafi Rabipour, Peter Yue

To: Nortel Networks Limited Reel 018273, Frame 0427

2. From: GENBAND Inc.

To: GENBAND US LLC Reel 024468, Frame 0507

3. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

Serial No.: 11/452.743: Filed: June 14, 2006

Title: SELECTIVE CALL ANCHORING IN A MULTIMEDIA SUBSYSTEM

1. From: Dany Sylvain

To: Nortel Networks Limited Reel 017997, Frame 0589

2. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

Serial No.: 11/911,631; Filed: October 15, 2007

Title: MULTIPLE ACCESS SERVICE CONVERGENCE

1. From: Dany Sylvain, Samuel H. Christie, IV

To: Nortel Networks Limited Reel 019963, Frame 0695

2. From: GENBAND Inc.

3. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

U.S. Patent No.: 7,512,118; Issued: March 31, 2009

Title: CODEC NEGOTIATION CONSIDERING QUALITY AND COSTS

1. From: Gary Stephens

To: Nortel Networks Limited Reel 016757, Frame 0919

From: GENBAND Inc.
 To: GENBAND US LLC
 Reel 024468, Frame 0507

3. From: Nortel Networks Corporation

To: GENBAND US LLC Reel 024879, Frame 0519

Serial No.: 11/466,115; Filed: August 22, 2006

Title: MULTIMEDIA SUBSYSTEM SERVICE CONTROL FOR CIRCUIT-SWITCHED SUBSYSTEM CALLS

From: Kaniz Mahdi, Dany Sylvain
 To: Nortel Networks Limited
 Reel 018152, Frame 0283

From: GENBAND Inc.
 To: GENBAND US LLC
 Reel 024468, Frame 0507

From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

Serial No.: 11/522,732; Filed: September 18, 2006

Title: ENHANCED SECURITY FOR MULTIMEDIA DOMAIN (MMD) NETWORK WITH HOME AND VISITED NETWORK SERVICE CONTROL

1. From: Michael F. Thomas, Robert E. Denman

To: Nortel Networks Limited Reel <u>018683</u>, Frame <u>0204</u>

2. From: Sriram Parameswar
To: Nortel Networks Limited
Reel 019021, Frame 0781

3. From: Nortel Networks Limited

Serial No.: 11/482,236; Filed: June 30, 2006

Title: SMS DELIVERY OVER A MULTIMEDIA SUBSYSTEM

1. From: Dany Sylvain

To: Nortel Networks Limited Reel <u>018089</u>, Frame <u>0844</u>

2. From: GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507

3. From: Nortel Networks Limited

To: GENBAND US LLC Reel <u>024879</u>, Frame <u>0475</u>

Serial No.: 11/462,182; Filed: August 3, 2006

Title: LOCATION CHANGE DETECTION FOR EMERGENCY SERVICES

From: Brian Stucker, Roy Shepard
 To: Nortel Networks Limited
 Reel 018049, Frame 0178

2. **From**: Nortel Networks Limited **To**: GENBAND US LLC

Reel 024879, Frame 0475

Serial No.: 11/589,435; Filed: October 30, 2006

Title: PROVIDING A CAPABILITY LIST OF A PREDEFINED FORMAT IN A COMMUNICATIONS NETWORK

1. From: Chung Cheung Chu, Rafi Rabipour

To: Nortel Networks Limited Reel 018830, Frame 0498

2. From: GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507

From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

Serial No.: 11/360,432; Filed: February 24, 2006

Title: METHOD AND COMMUNICATION NETWORK COMPONENTS FOR MANAGING MEDIA SIGNAL QUALITY

1. **From**: Rafi Rabipour

To: Nortel Networks Limited Reel 017614, Frame 0961

2. From: GENBAND Inc.

To: GENBAND US LLC Reel 024468, Frame 0507

3. From: Nortel Networks Limited

Serial No.: 11/554,930; Filed: October 31, 2006

Title: NETWORK DOMAIN SELECTION IN THE HSS

1. From: Kaniz Mahdi, Michael Leeder, Joan Smith

To: Nortel Networks Limited Reel <u>018460</u>, Frame <u>0788</u>

From: Nortel Networks Limited
 To: GENBAND US LLC
 Reel 024879, Frame 0475

Serial No.: 11/651,427; Filed: January 9, 2007

Title: DYNAMIC EVENTS SCHEDULING IN A RESOURCE LIMITED ENVIRONMENT

1. From: Chung Cheung Chu, Djordje Konforti, Rafi Rabipour, Christy Yep

To: Nortel Networks Limited Reel <u>018985</u>, Frame <u>0913</u>

2. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

Serial No.: 11/563,306; Filed: November 27, 2006

Title: MULTIMEDIA SUBSYSTEM CONTROL FOR INTERNET PROTOCOL BASED TELEVISION SERVICES

1. **From**: David P. Ress, Dominic Goodwill, Anthony Jones, Steve J. McKinnon

To: Nortel Networks Limited Reel 018553, Frame 0102

2. From: GENBAND Inc.

To: GENBAND US LLC Reel 024468, Frame 0507

3. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

Serial No.: 11/425,436; Filed: June 21, 2006

Title: METHOD AND APPARATUS FOR IDENTIFYING AND MONITORING VOIP MEDIA PLANE SECURITY KEYS FOR SERVICE PROVIDER LAWFUL INTERCEPT USE

1. From: Michael Lee

To: Nortel Networks Limited Reel 017821, Frame 0650

From: GENBAND Inc.To: GENBAND US LLC

Reel <u>024468</u>, Frame <u>0507</u>
3. **From**: Nortel Networks Limited

Serial No.: 11/536,921; Filed: September 29, 2006

Title: ENTERPRISE MOBILITY

1. From: Dany Sylvain, Cristian Constantinof

To: Nortel Networks Limited Reel <u>018326</u>, Frame <u>0767</u>

 From: GENBAND Inc.
 To: GENBAND US LLC Reel 024468, Frame 0507

From: Nortel Networks Limited

To: GENBAND US LLC Reel <u>024879</u>, Frame <u>0475</u>

Serial No.: 11/616,679; Filed: December 27, 2006

Title: VOICE CONTINUITY AMONG USER TERMINALS

1. From: Cristian Constantinof, Dany Sylvain

To: Nortel Networks Limited Reel 018683, Frame 0334

From: GENBAND Inc.
 To: GENBAND US LLC
 Reel 024468, Frame 0507

From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

U.S. Patent No.: 7,649,881; Issued: January 19, 2010

Title: PINNING THE ROUTE OF IP BEARER FLOWS IN A NEXT GENERATION NETWORK

1. From: Liam Casey

To: Nortel Networks Limited Reel 018638, Frame 0493

2. From: GENBAND Inc.

To: GENBAND US LLC

Reel <u>024468</u>, Frame <u>0507</u>

From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

Serial No.: 11/839,861; Filed: August 16, 2007

Title: METHOD AND APPARATUS FOR TIME ALIGNMENT ALONG A MULTI-NODE COMMUNICATION LINK

1. **From**: Chung Cheung Chu, Rafi Rabipour

To: Nortel Networks Limited Reel 019705, Frame 0818

2. From: GENBAND Inc.

From: Nortel Networks Limited
 To: GENBAND US LLC
 Reel 024879, Frame 0475

Serial No.: 12/151,683; Filed: May 8, 2008
Title: ENHANCED MEDIA GATEWAY

1. From: Kevin Smith, Gregory Waines
To: Nortel Networks Limited
Reel 023288, Frame 0647

From: Nortel Networks Limited
 GENBAND US LLC
 Reel 024879, Frame 0475

Serial No.: 12/172,562; Filed: July 14, 2008

Title: METHOD FOR IMPROVING SUBSCRIBER DATA INTEGRITY IN AN IMS NETWORK

From: Ricky Kaura, Sourabh Anpat
 To: Nortel Networks Limited
 Reel 021233, Frame 0849

2. From: GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507

From: Nortel Networks Limited
 To: GENBAND US LLC

Reel <u>024879</u>, Frame <u>0475</u>

Serial No.: 11/961,933; Filed: December 20, 2007

Title: CONTROLLING SERVICES IN A CIRCUIT-SWITCHED NETWORK FROM A PACKET NETWORK

1. From: Dany Sylvain, Cristian Constantinof

To: Nortel Networks Limited Reel 020280, Frame 0670

2. From: Nortel Networks Limited To: GENBAND US LLC

Reel <u>024879</u>, Frame <u>0475</u>

Serial No.: 12/157,677; Filed: June 12, 2008

Title: SYSTEM AND METHOD FOR CORRECT ROUTING AND ENFORCEMENT POLICY IN A NETWORK HAVING ADDRESS OR PORT TRANSLATION

1. From: Anthony MacDonald
To: Nortel Networks Limited
Reel 021129, Frame 0709

From: GENBAND Inc.
 To: GENBAND US LLC
 Reel 024468, Frame 0507

3. From: Nortel Networks Limited To: GENBAND US LLC Reel 024879, Frame 0475

Serial No.: 12/343,328; Filed: December 23, 2008

Title: MEDIA SHARING

1. From: Dany Sylvain, Danny Lingman

To: Nortel Networks Limited Reel 022023, Frame 0980

2. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

Serial No.: 12/209,829; Filed: September 12, 2008

Title: ADDING A SERVICE CONTROL CHANNEL AFTER SESSION

ESTABLISHMENT

1. From: Kaniz Mahdi

To: Nortel Networks Limited Reel <u>021525</u>, Frame <u>0087</u>

2. From: Nortel Networks Limited

To: GENBAND US LLC Reel <u>024879</u>, Frame <u>0475</u>

Serial No.: 12/316,550; Filed: December 12, 2008

Title: DYNAMICALLY BINDING A LOGIC COMPONENT TO A PROCESSING POINT IN A SOFTWARE EXECUTION FLOW

1. From: Lejla Eminovic, Bryn Rahm, Elaine EE Lay Quah, Anthony Robert

Jones

To: Nortel Networks Limited Reel <u>022028</u>, Frame <u>0572</u>

2. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

Serial No.: 12/333,678; Filed: December 12, 2008

Title: CONTENT OVERLAYS IN ON-DEMAND STREAMING APPLICATIONS

1. From: David P. Ress, Dominic Goodwill

To: Nortel Networks Limited Reel <u>021971</u>, Frame <u>0873</u>

2. From: GENBAND Inc.

To: GENBAND US LLC

Reel <u>024468</u>, Frame <u>0507</u>

3. From: Nortel Networks Limited

U.S. Patent No.: 6,643,297; Issued: November 4, 2003

Title: NETWORK SERVICE PROVIDER ARCHITECTURE IN COMMUNICATIONS NETWORK

1. **From**: Martin Sproat, Bruce Leigh Townsend, Julian Frank Barry Cable, Simon Daniel Breuckheimer, Stephen Rylant Evans, Stephen L. Fagg, Michael Flynn Thomas, David John Stacey

To: Northern Telecom Limited Reel 009738, Frame 0730

- From: Northern Telecom Limited
 To: Nortel Networks Corporation
 Reel 010567, Frame 0001
- From: Nortel Networks Corporation
 To: Nortel Networks Limited
 Reel 011195, Frame 0706
- From: Nortel Networks Corporation
 To: Nortel Networks Limited
 Reel 014466, Frame 0319
- From: Northern Telecom Limited
 To: Nortel Networks Corporation
 Reel 014466, Frame 0939
- 6. From: GENBAND Inc.
 To: GENBAND US LLC
 Reel 024468, Frame 0507
- 7. From: Nortel Networks Limited To: GENBAND US LLC Reel 024879, Frame 0475

U.S. Patent No.: 7,649,883; Issued: January 19, 2010

Title: NETWORK SERVICE PROVIDER ARCHITECTURE IN COMMUNICATIONS NETWORK

1. **From**: Martin Sproat, Bruce Leigh Townsend, Julian Frank Barry Cable, Simon Daniel Breuckheimer, Stephen Rylant Evans, Stephen L. Fagg, Michael Flynn Thomas, David John Stacey

To: Northern Telecom Limited Reel 009738, Frame 0730

- From: Northern Telecom Limited
 To: Nortel Networks Corporation
 Reel <u>010567</u>, Frame <u>0001</u>
- 3. From: Nortel Networks Corporation To: Nortel Networks Limited Reel 011195, Frame 0706
- 4. From: Nortel Networks Corporation To: Nortel Networks Limited Reel 014466, Frame 0319

5. **From**: Northern Telecom Limited **To**: Nortel Networks Corporation Reel 014466, Frame 0939

6. From: GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507

7. **From**: Nortel Networks Limited **To**: GENBAND US LLC

Reel 024879, Frame 0475

U.S. Patent No.: 6,778,503; Issued: August 17, 2004 Title: AUTOMATED LINE SIGNAL PROCESSING

 From: Martin Sproat, Julian Frank Barry Cable, Simon Daniel Brueckheimer, Andrew Geoffrey Tomlins, David John Stacey, John Shotton, Fai Tsang, Stephen Evans, William Smith, Michael Flynn Thomas To: Northern Telecom Limited

Reel <u>011470</u>, Frame <u>0498</u>

From: Northern Telecom Limited
 To: Nortel Networks Corporation
 Reel 010567, Frame 0001

From: Nortel Networks Corporation
 To: Nortel Networks Limited
 Reel 011195, Frame 0706

From: Nortel Networks Corporation
 To: Nortel Networks Limited
 Reel 015512, Frame 0578

From: Northern Telecom Limited
 To: Nortel Networks Corporation
 Reel 015512, Frame 0521

6. **From**: GENBAND Inc. **To**: GENBAND US LLC Reel <u>024468</u>, Frame <u>0507</u>

From: Nortel Networks Limited
 To: GENBAND US LLC

Reel 024879, Frame 0475

U.S. Patent No.: 6,778,494; Issued: August 17, 2004

Title: LABEL SWITCHED MEDIA GATEWAY AND NETWORK

From: Roy Mauger
 To: Nortel Networks Limited

Reel <u>010894</u>, Frame <u>0264</u>

From: Nortel Networks Corporation
 To: Nortel Networks Limited
 Reel 011195, Frame 0706

3. From: GENBAND Inc.
To: GENBAND US LLC
Reel 024468, Frame 0507

4. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0519

U.S. Patent No.: 6,728,783; Issued: April 27, 2004

Title: INTELLIGENT NETWORK

1. From: Frank F. Scott, John A. Storrie, Howard J. Darwen

To: Nortel Networks Corporation

Reel 010235, Frame 0531

2. From: Nortel Networks Corporation

To: Nortel Networks Limited

Reel 011195, Frame 0706

3. From: Nortel Networks Corporation

To: Nortel Networks Limited

Reel 014463, Frame 0191

4. From: GENBAND Inc.

To: GENBAND US LLC

Reel 024468, Frame 0507

5. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

U.S. Patent No.: 6,424,635; Issued: July 23, 2002

Title: ADAPTIVE NONLINEAR PROCESSOR FOR ECHO CANCELLATION

From: Wei-Jei Song

To: Northern Telecom

Reel 009673, Frame 0820

2. From: Northern Telecom Limited

To: Nortel Networks Corporation

Reel 010504, Frame 0903

From: Northern Telecom Limited

o: Nortel Networks Corporation

Reel 010567, Frame 0001

4. From: Nortel Networks Corporation

To: Nortel Networks Limited

Reel 011195, Frame 0706

5. From: GENBAND Inc.

To: GENBAND US LLC

Reel 024468, Frame 0507

6. From: Nortel Networks Corporation

To: GENBAND US LLC

Reel 024879. Frame 0519

U.S. Patent No.: 5,295,183; Issued: March 15, 1994

Title: CONGESTION CONTROL SYSTEM FOR TELECOMMUNICATIONS

- From: Francis Langlois, France Caron, Jean Michel Regnier
 To: Bell-Northern Research Ltd.
 Reel 006631, Frame 0565
- From: Bell-Northern Research Ltd.
 To: Northern Telecom Limited Reel 006631, Frame 0567
- From: Northern Telecom Limited
 To: Nortel Networks Corporation
 Reel 010567, Frame 0001
- From: Nortel Networks Corporation
 To: Nortel Networks Limited
 Reel 011195, Frame 0706
- 5. **From**: GENBAND Inc. **To**: GENBAND US LLC Reel 024468, Frame 0507
- 6. From: Nortel Networks Limited
 To: GENBAND US LLC
 Reel 024879, Frame 0475

U.S. Patent No.: 6,026,356; Issued: February 15, 2000

Title: METHODS AND DEVICES FOR NOISE CONDITIONING SIGNALS REPRESENTATIVE OF AUDIO INFORMATION IN COMPRESSED AND DIGITIZED FORM

- From: H.S.P. Yue, Rafi Rabipour, Chung-Cheung Chu
 To: Bell-Northern Research Ltd.
 Reel 008688, Frame 0942
- From: Bell-Northern Research Ltd.
 To: Northern Telecom Limited Reel <u>008857</u>, Frame <u>0730</u>
- From: Northern Telecom Limited
 To: Nortel Networks Corporation
 Reel <u>010438</u>, Frame <u>0801</u>
- 4. From: Northern Telecom Limited To: Nortel Networks Corporation Reel 010567, Frame 0001
- From: Nortel Networks Corporation
 To: Nortel Networks Limited
 Reel 011195, Frame 0706
- 6. From: GENBAND Inc.
 To: GENBAND US LLC
 Reel 024468, Frame 0507
- 7. **From**: Nortel Networks Limited **To**: GENBAND US LLC Reel 024879, Frame 0475

U.S. Patent No.: 5,913,187; Issued: June 15, 1999

Title: NONLINEAR FILTER FOR NOISE SUPPRESSION IN LINEAR PREDICTION SPEECH PROCESSING DEVICES

1. **From**: James A. Monson, Dawn T. Anderson, James L. Kurtz, Joseph I. Kravitz

To: Dowbrands L.P. Reel 008221, Frame 0766

2. From: Paul Mermelstein

To: Bell-Northern Research Ltd.

Reel <u>009271</u>, Frame <u>0708</u> From: Bell-Northern Resea

 From: Bell-Northern Research Ltd.
 To: Northern Telecom Limited Reel 009271, Frame 0720

4. From: Northern Telecom Limited
To: Nortel Networks Corporation
Reel 010567, Frame 0001

From: Nortel Networks Corporation
 To: Nortel Networks Limited
 Reel 011195, Frame 0706

From: GENBAND Inc.
 To: GENBAND US LLC
 Reel 024468, Frame 0507

7. From: Nortel Networks Corporation

To: GENBAND US LLC Reel 024879, Frame 0519

U.S. Patent No.: 6,011,846; Issued: January 4, 2000

Title: METHODS AND APPARATUS FOR ECHO SUPPRESSION

From: Rafi Rabipour, Dominic Ho, Majid Foodeei, Madeleine Saikaly
 To: Bell-Northern Research Ltd.
 Reel 008703, Frame 0544

 From: Bell Northern Research Ltd.
 To: Northern Telecom Limited Reel <u>008755</u>, Frame <u>0928</u>

From: Northern Telecom Limited
 To: Nortel Networks Corporation
 Reel 010328, Frame 0064

4. From: Northern Telecom Limited To: Nortel Networks Corporation Reel 010567, Frame 0001

From: Nortel Networks Corporation
 To: Nortel Networks Limited
 Reel 011195, Frame 0706

From: GENBAND Inc.
 To: GENBAND US LLC
 Reel 024468, Frame 0507

7. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

U.S. Patent No.: 6,665,402; Issued: December 16, 2003

Title: METHOD AND APPARATUS FOR PERFORMING ECHO CANCELLATION

1. **From**: H.S. Peter Yue, Sylvain Angrignon

To: Nortel Networks Corporation

Reel <u>010219</u>, Frame <u>0190</u>

2. From: Nortel Networks Corporation

To: Nortel Networks Limited Reel <u>011195</u>, Frame <u>0706</u>

3. From: GENBAND Inc.

To: GENBAND US LLC

Reel 024468, Frame 0507

4. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

U.S. Patent No.: 6,269,100; Issued: July 31, 2001 Title: CHANNEL TRANSFER WITH RETRIEVE

1. From: Samuel Henry Christie, IV, Patrick J. Dagert

To: Northern Telecom Limited

Reel 009461, Frame 0363

2. From: Samuel Henry Christie, IV, Patrick J. Dagert

To: Northern Telecom Limited

Reel 010050, Frame 0555

3. From: Northern Telecom Limited

To: Nortel Networks Corporation

Reel 010245, Frame 0164

4. From: Nortel Networks Corporation

To: Nortel Networks Limited Reel <u>011195</u>, Frame <u>0706</u>

5. From: GENBAND Inc.

To: GENBAND US LLC

Reel <u>024468</u>, Frame <u>0507</u>

6. **From**: Nortel Networks Corporation

U.S. Patent No.: 6,144,671; Issued: November 7, 2000

Title: CALL REDIRECTION METHODS IN A PACKET BASED COMMUNICATIONS NETWORK

- From: Nishanthan M.T. Perinpanathan, Alan S. Frank, Paul Thomas Taylor
 To: Bell-Northern Research Ltd.
 Reel 008561, Frame 0200
- From: Bell-Northern Research Ltd.
 To: Northern Telecom Limited Reel 009042, Frame 0466
- 3. From: Northern Telecom Limited To: Nortel Networks Corporation Reel 010328, Frame 0064
- From: Northern Telecom Limited
 To: Nortel Networks Corporation
 Reel 010567, Frame 0001
- 5. From: Nortel Networks Corporation To: Nortel Networks Limited Reel 011195, Frame 0706
- 6. From: GENBAND Inc.
 To: GENBAND US LLC
 Reel 024468, Frame 0507
- 7. From: Nortel Networks Corporation To: GENBAND US LLC Reel 024879, Frame 0519

U.S. Patent No.: 6,636,522; Issued: October 21, 2003

Title: CALL REDIRECTION METHODS IN A PACKET BASED COMMUNICATIONS NETWORK

- From: Nishanthan M.T. Perinpanathan, Alan S. Frank, Paul Thomas Taylor
 To: Bell-Northern Research Ltd.
 Reel <u>008561</u>, Frame <u>0200</u>
- From: Bell-Northern Research Ltd.
 To: Northern Telecom Limited Reel <u>009042</u>, Frame <u>0466</u>
- From: Northern Telecom Limited
 To: Nortel Networks Corporation
 Reel 010328, Frame 0064
- From: Northern Telecom Limited
 To: Nortel Networks Corporation
 Reel 010567, Frame 0001
- From: Nortel Networks Corporation
 To: Nortel Networks Limited
 Reel 011195, Frame 0706
- 6. From: GENBAND Inc.
 To: GENBAND US LLC
 Reel 024468, Frame 0507

7. From: Nortel Networks Corporation

To: GENBAND US LLC Reel 024879, Frame 0519

U.S. Patent No.: 6,337,858; Issued: January 8, 2002

Title: METHOD AND APPARATUS FOR ORIGINATING VOICE CALLS FROM A DATA NETWORK

- From: Douglas Petty, Michael William Petras, Raul San Martin, Alan Stuart Frank, Vivek Kapol, Dhansukh Mistry
 To: Bell-Northern Research Ltd.
 Reel 008985. Frame 0545
- From: Bell-Northern Research Ltd.
 To: Northern Telecom Limited Reel <u>009234</u>, Frame <u>0114</u>
- From: Northern Telecom Limited
 To: Nortel Networks Corporation
 Reel 010567, Frame 0001
- From: Nortel Networks Corporation
 To: Nortel Networks Limited
 Reel 011195, Frame 0706
- 5. From: GENBAND Inc.
 To: GENBAND US LLC
 Reel 024468, Frame 0507
- 6. From: Nortel Networks Corporation
 To: GENBAND US LLC
 Reel 024879, Frame 0519

U.S. Patent No.: 6,141,342; Issued: October 31. 2000

Title: APPARATUS AND METHOD FOR COMPLETING INTER-SWITCH CALLS USING LARGE TRUNK GROUPS

- From: Julian Francis Cheesman, Michael C. Kahnert, Cristian Constantinof
 To: Northern Telecom Limited
 Reel 009647, Frame 0988
- From: Northern Telecom Limited
 To: Nortel Networks Corporation
 Reel 010567, Frame 0001
- From: Nortel Networks Corporation
 To: Nortel Networks Limited
 Reel 011195, Frame 0706
- 4. From: GENBAND Inc.
 To: GENBAND US LLC
 Reel 024468, Frame 0507
- 5. **From**: Nortel Networks Limited **To**: GENBAND US LLC Reel 024879, Frame 0475

U.S. Patent No.: 7,269,167; Issued: September 11, 2007

Title: DIRECT END-OFFICE TRUNKING

1. From: Faizel Lakhani, Dany Sylvain

To: Northern Telecom Limited

Reel 9683, Frame 0235

2. **From**: GENBAND Inc.

To: GENBAND US LLC

Reel <u>024468</u>, Frame <u>0507</u>
3. **From**: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

U.S. Patent No.: 6,167,126; Issued: December 26, 2000

Title: METHOD FOR FLEXIBLY PROVISIONING SWITCHING DEVICES AND

A SWITCHING DEVICE INCORPORATING THE SAME

1. From: William J. Janning

To: Northern Telecom Limited

Reel 009575, Frame 0419

2. From: Northern Telecom Limited

To: Nortel Networks Corporation

Reel <u>010567</u>, Frame <u>0001</u>

3. From: Nortel Networks Corporation

To: Nortel Networks Limited

Reel 011195, Frame 0706

4. From: GENBAND Inc.

To: GENBAND US LLC

Reel 024468, Frame 0507

From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

U.S. Patent No.: 6,088,328; Issued: July 11, 2000

Title: SYSTEM AND METHOD FOR RESTORING FAILED COMMUNICATION

SERVICES

1. From: David W. McKnight

To: Northern Telecom Limited

Reel 009575, Frame 0419

2. From: Northern Telecom Limited

To: Nortel Networks Corporation

Reel 010567, Frame 0001

3. **From**: Nortel Networks Corporation

To: Nortel Networks Limited

Reel 011195, Frame 0706

4. From: GENBAND Inc.

To: GENBAND US LLC

Reel 024468, Frame 0507

5. From: Nortel Networks Corporation

To: GENBAND US LLC Reel 024879, Frame 0519

U.S. Patent No.: 6,359,979; Issued: March 19, 2002

Title: ENHANCED CALL ROUTING IN COMPETITIVE LOCAL TELEPHONE NETWORKS

From: Weilin Wang, Joyce Bradley
 To: Northern Telecom Limited
 Reel 009683, Frame 0375

From: Northern Telecom Limited
 To: Nortel Networks Corporation
 Reel 010567, Frame 0001

3. **From**: Nortel Networks Corporation **To**: Nortel Networks Limited Reel <u>011195</u>, Frame <u>0706</u>

From: GENBAND Inc.
 To: GENBAND US LLC
 Reel 024468, Frame 0507

5. From: Nortel Networks Corporation

To: GENBAND US LLC Reel 024879, Frame 0519

U.S. Patent No.: 6,611,533; Issued: August 26, 2003

Title: PUBLIC TELEPHONE NETWORK, INTELLIGENT NETWORK, AND INTERNET PROTOCOL NETWORK SERVICES INTERWORKING

1. From: Monling Liao, Emad Quaddoura, Russ Coffin, Donald Wurch, Liem Le

To: Nortel Networks Corporation Reel <u>010047</u>, Frame <u>0660</u>

2. **From**: Nortel Networks Corporation **To**: Nortel Networks Limited

Reel <u>011195</u>, Frame <u>0706</u>

From: GENBAND Inc.
 To: GENBAND US LLC
 Reel 024468, Frame 0507

4. From: Nortel Networks Corporation

U.S. Patent No.: 6,529,524; Issued: March 4, 2003

Title: COMPUTER PROGRAM PRODUCTS, METHODS, AND PROTOCOL FOR INTERWORKING SERVICES BETWEEN A PUBLIC TELEPHONE NETWORK, INTELLIGENT NETWORK, AND INTERNET PROTOCOL NETWORK

1. **From**: Monling Liao, Emad Qaddura, Rambabu Tummala, Donald Wurch, Liem Le

To: Nortel Networks Corporation

Reel <u>010127</u>, Frame <u>0973</u>

2. From: Nortel Networks Corporation

To: Nortel Networks Limited Reel 011195, Frame 0706

3. From: GENBAND Inc.

To: GENBAND US LLC

Reel 024468, Frame 0507

4. From: Nortel Networks Corporation

To: GENBAND US LLC Reel 024879, Frame 0519

U.S. Patent No.: 6,445,695; Issued: September 3, 2002

Title: SYSTEM AND METHOD FOR SUPPORTING COMMUNICATIONS SERVICES ON BEHALF OF A COMMUNICATIONS DEVICE WHICH CANNOT PROVIDE THOSE SERVICES ITSELF

1. From: Samuel H. Christie, IV

To: Northern Telecom Limited

Reel 009769, Frame 0634

2. From: Northern Telecom Limited

To: Nortel Networks Corporation

Reel 010567, Frame 0001

3. From: Nortel Networks Corporation

To: Nortel Networks Limited

Reel 011195, Frame 0706

4. From: GENBAND Inc.

To: GENBAND US LLC

Reel <u>024468</u>, Frame <u>0507</u>

5. From: Nortel Networks Corporation

To: GENBAND US LLC

Reel 024879, Frame 0519

U.S. Patent No.: 6,654,452; Issued: November 25, 2003

Title: METHOD AND APPARATUS IN A COMMUNICATIONS SYSTEM FOR DYNAMIC CALL REJECTION

1. From: Randall F. Murray, Michael Andrew Sisto

To: Nortel Networks Corporation

Reel 010230, Frame 0755

2. From: Nortel Networks Corporation

To: Nortel Networks Limited Reel <u>011195</u>, Frame <u>0706</u>

3. **From**: GENBAND Inc. **To**: GENBAND US LLC

Reel 024468, Frame 0507

4. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

U.S. Patent No.: 6,452,922; Issued: September 17, 2002

Title: METHOD AND APPARATUS FOR FALLBACK ROUTING OF VOICE OVER INTERNET PROTOCOL CALL

1. **From**: Anthony Ho

To: Northern Telecom Limited

Reel 009683, Frame 0876

2. From: Northern Telecom Limited

To: Nortel Networks Corporation

Reel 010504, Frame 0903

3. From: Northern Telecom Limited

To: Nortel Networks Corporation

Reel 010567, Frame 0001

4. From: Nortel Networks Corporation

To: Nortel Networks Limited Reel 011195, Frame 0706

5. From: GENBAND Inc.

To: GENBAND US LLC

Reel 024468, Frame 0507

6. From: Nortel Networks Corporation

To: GENBAND US LLC Reel <u>024879</u>, Frame <u>0519</u>

U.S. Patent No.: 7,515,583; Issued: April 7, 2009

Title: METHOD AND APPARATUS FOR PROVIDING A CONFIGURABLE QUALITY OF SERVICE THRESHOLD FOR VOICE OVER INTERNET PROTOCOL

1. From: Sejal Kamani, Paul Coverdale, Chi Wong, Ben Kwong

To: Northern Telecom Limited

Reel <u>9766</u>, Frame <u>0052</u>

2. From: Northern Telecom Limited

To: Nortel Networks Corporation

Reel <u>010504</u>, Frame <u>0903</u>

3. **From**: GENBAND Inc.

To: GENBAND US LLC

Reel <u>024468</u>, Frame <u>0507</u>

4. From: Nortel Networks Corporation

To: GENBAND US LLC Reel <u>024879</u>, Frame <u>0519</u>

U.S. Patent No.: 6,243,449; Issued: June 5, 2001

Title: MASS CALLING EVENT DETECTION AND CONTROL

1. **From**: Eugene E. Margulis, Weilin W. Wang, Anton Driesse, Andre A. Lebon

To: Northern Telecom Limited

Reel 009062, Frame 0120

From: Northern Telecom Limited
 To: Nortel Networks Corporation
 Reel 010567, Frame 0001

3. From: Nortel Networks Corporation

To: Nortel Networks Limited Reel 011195, Frame 0706

4. From: GENBAND Inc.

To: GENBAND US LLC Reel 024468, Frame 0507

5. From: Nortel Networks Limited

To: GENBAND US LLC Reel 024879, Frame 0475

U.S. Patent No.: 7,619,994; Issued: November 17, 2009

Title: ADAPTER FOR USE WITH A TANDEM-FREE CONFERENCE BRIDGE

1. From: Rafi Rabipour, Paul Coverdale

To: Nortel Networks Limited

Reel <u>014746</u>, Frame <u>0367</u>

2. From: GENBAND Inc.

To: GENBAND US LLC Reel 024468, Frame 0507

From: Nortel Networks Limited

The under	signed (whose title is supplied below) is authorized to act on behalf of
the assignee.	
	GENBAND US LLC
	St. M.

Shauna Martin

Executive Vice-President and General Counsel (972) 521-5800

This, the _____ day of ______, 2010.